

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FEB 20 2002

In re the patent application of: Chad B. Moore
For: A DRIVE CONTROL SYSTEM FOR A FIBER-BASED PLASMA
DISPLAY
Filed: December 19, 2001
Application No.: 10/024,931
Art Unit:
Attorney Docket No.: MRE-2DIV

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this information Disclosure Statement

1. [X] Preliminary Statements
2. [X] FORM PTO - 1449 (Modified)
3. ☐ Statement As To Information Material To Examination Not Found in Patents or Publications
4. ☒ Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted.
5. ☐ Cumulative patents or Publications
6. [X] Copies of Listed Information Items Accompanying This Statement
7. ☐ Concise Explanation of Non-English Language Listed Information Items.
8. ☐ Translation(s) of Non-English Language Documents
9. ☐ Certification under MPEP 609(e)
10. [X] Identification of Person(s) Making This Information Disclosure Statement

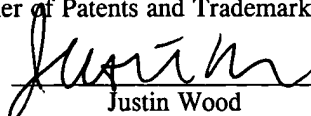
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CERTIFICATE OF MAILING

[X] Certified Mail No: 7001 1940 0001 4327 2825

Date: January 25, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service, return receipt requested in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on this date.


Justin Wood

did not receive document non-patent (NPL)

Section 1. Preliminary statements

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO - 1449 (Modified) (SEE ATTACHMENT)

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance or not considered. Include a copy of this form with the next communication to applicant.

Section 3. Statement As To Information Material For Examination Not Found in Patents or Publications (Information not listed in PTO 1449)

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted

09/299,370

Attorney docket no: MRE-2

Chad Moore

4/26/99 (Items AA-AY, AA-AL, BA-BC, BD-BO and BP-BW already submitted)

Section 5. Cumulative Patents or Publications

☐ Item(s)

are cumulative of the following patents or publication listed on Form PTO 1449 (modified):

In accordance with 37 CFR 1.98(c) a copy of _____ is being submitted with this information disclosure statement.

Section 6. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed accompany this information statement.

☒ Exception(s) to above:

☒ Items in prior application from which an earlier filing date is claimed for this application as identified in Section 4.

☐ Cumulative patents or publications identified in Section 5.

Section 7. Concise Explanation of Non-English Language Listed Information Items

Section 8. Translation(s) of Non-English Language Documents

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:
- ☐ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

Section 9. Certification under Rule 1.97

☐ The undersigned hereby certifies that:

- a. This Statement is being filed after the latest of (1) three months after the filing date of a national application; (2) three months after the date of entry of the national stage as set forth in w 1.491 in an international application; (3) the mailing date of a first Office action on the merits.
- b. The fee set forth in §1.17(p)

☐ Is being paid with this Information Disclosure Statement

☐ Is not due because:

- ☐ (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or
- ☐ (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement.

**Section 10. IDENTIFICATION OF PERSON(S) MAKING THIS
INFORMATION DISCLOSURE STATEMENT**

The person making this statement is

(a) ☐ the inventor(s) who signs below

(b) ☒ the attorney who signs below on the basis of:

☐ the information supplied by the inventor(s)

☐ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).

☒ the information in the attorney's file



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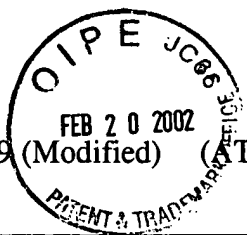
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Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)



1 of 7

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. MRE-2DIV	SERIAL NO. 10/024,931
	APPLICANT Chad B. Moore	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 12/19/01	GROUP

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	AA	3,890,609	06/17/75	Sasaki et al.	340	325	
	AB	4,044,349	08/23/77	Andoh et al.	340	324	
	AC	4,737,687	08/12/88	Shinoda et al.	315	169	
	AD	6,072,276	06/6/00	Okajima	313	581	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

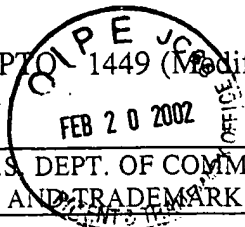
Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO

OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
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2 of 8

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. MRE-2	SERIAL NO. 09/299,370
	APPLICANT Chad B. Moore	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 04/26/99	GROUP 2879

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	BP	3,611,019	10/05/71	Krembs	313	201	
	BQ	3,790,849	02/05/74	Mayar	315	169	
	BR	3,821,586	06/28/74	Ogle	313	188	
	BS	3,890,609	06/14/75	Sasaki	340	324	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO

OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
	BT	C. Bergman, "Plasma Display Color Techniques Using Tubular Construction", AD766933 Final Report on Contract No. F30602-72-C-0167, Rome Air Development Center, July 1973.
	BU	C. Bergman, R.W. Johnson, R.A. Strom and T.N. Thompson, "Large Screen Plasma Display", AD728623, Final Report on Contract No. F30602-70-C-0154, Rome Air Development Center, July 1971.
	BV	Dick, G. W. "Three-Electrode per PEL AS Plasma Display Panel". 1985 International Display Research Conf. pp. 45- 50
	BW	R. A. Strom and C. Bergman, "Large Area Plasma Display module", AD782383, Final Report on Contract F30602-72-C-0211, Rome Air Development Center, April 1974.

EXAMINER	DATE CONSIDERED

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Section 2. Form PTO - 1449 (Modified) ATTACHMENT



FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. MRE-2	SERIAL NO. 09/299,370
	APPLICANT Chad Byron Moore	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 4/26/99	GROUP 2875

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	BD	3,602,754	08/31/71	Pfaender et al.	313	108	
	BE	3,829,734	08/13/74	Schofield	313	217	
	BF	3,876,906	04/08/75	Walters	315	169	
	BG	3,906,451	09/16/75	Strom	340	166	
	BH	3,927,342	12/16/75	Bode et al.	313	188	
	BI	3,947,722	03/30/76	Strom et al.	315	169	
	BJ	3,969,718	07/13/76	Strom	340	324	
	BK	3,990,068	11/02/76	Mayer et al.	340	324	
	BL	4,099,082	07/4/78	Chodil et al.	313	188	
	BM	5,198,723	03/30/93	Parker	313	516	
	BN	5,126,632	06/30/92	Parker	313	634	
	BO	5,458,519	10/17/95	Lee et al.	445	24	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

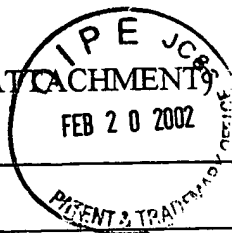
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4 of 7

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 09/299,370	SERIAL NO. MRE-2
	APPLICANT Chad Byron Moore	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE April 26, 1999	GROUP 2875

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	BA	4,038,577	07/26/77	Bode et al	313	188	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO
	BB	10149763	02/06/98	Japan	HO1J 9/02		
	BC	11003649	06/01/99	Japan	HO1J 9/02		

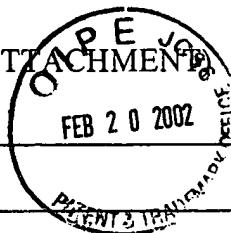
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5 of 7



FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. MRE-2	SERIAL NO. 09/299,370
	APPLICANT Chad Byron Moore	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 04/26/99	GROUP 2875

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	AA	2,209,747	7/30/40	Eisler, Paul	178	6.5	
	AB	3,521,941	7/28/70	Deb, Satyendra K., et al.	350	160	
	AC	3,767,392	10/23/73	Ota, Isao	96	1	
	AD	4,126,854	11/21/78	Sheridon, Nicholas K.	340	373	
	AE	4,717,949	1/5/88	Eichenlaub, Jesse B.	358	3	
	AF	5,440,201	8/8/95	Martin, Paul C.	313	582	
	AG	5,457,574	10/10/95	Eichenlaub, Jesse B.	359	619	
	AH	5,739,801	4/14/98	Sheridon, Nicholas K.	345	84	
	AI	5,790,086	8/4/98	Zelitt, Sheldon S.	345	32	
	AJ	5,838,494	11/17/98	Araki, Keisuke	359	455	
	AK	5,961,804	10/5/99	Jacobson, Joseph	204	606	
	AL	5,984,747	11/16/99	Bhagavatula, Venkata et al.	445	24	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO
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OTHER PRIOR ART

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FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 09/299,370	SERIAL NO. MRE-2
	APPLICANT Chad Byron Moore	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE April 26, 1999	GROUP 2875

U.S. PATENT DOCUMENTS

Exam Initial		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	AA	3,964,050	06/15/76	Mayer, W.	340	324	
	AB	4,027,188	05/31/77	Bergman, C.	313	220	
	AC	4,554,537	11/19/85	Dick, G.	340	775	
	AD	4,728,864	03/01/88	Dick, G.	315	169.3	
	AE	4,833,463	05/23/89	Dick et al	340	775	
	AF	4,896,149	01/23/90	Buzak et al	340	794	
	AG	5,036,317	07/30/91	Buzak, T.	340	783	
	AH	5,077,553	12/31/91	Buzak, T.	340	794	
	AI	5,086,297	02/04/92	Miyake et al	340	759	
	AJ	5,272,472	12/21/93	Buzak, T.	345	60	
	AK	5,313,423	05/17/94	Sato et al	365	200	
	AL	5,446,344	08/29/95	Kanazawa, Y	315	169.4	
	AM	5,661,500	08/26/97	Shinoda et al	345	60	
	AN	5,674,553	10/07/97	Shinoda et al	427	68	
	AO	5,745,086	04/28/98	Weber, L.	345	63	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES NO

OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
	AP	Dick, G. W. "Three-Electrode per PEL AC Plasma Display Panel", 1985 International Display Research Conf., pp 45-50
	AQ	Mayer, W. 1972, "Tubular AC Plasma Panels", IEEE Conf. Display Devices, Conf. Rec., New York, pp 15-18.
	AR	Storm, R., 1974, "32-Inch Graphic Plasma Display Module", SID Int. Symposium, San Diego, pp 122-123.
	AS	Moore, C. et al, "Fiber Plasma Display", SID '97 Digest, pp. 1055-1058.
	AT	Trotter, D. M. et al, "PALC Displays Made From Electroded Glass Fiber Arrays", SID '97 Digest, pp. 379-382.
	AU	Weber et al, 1996, "Materials and Manufacturing Issues of Color Plasma Displays", MRS Bulletin, 65, 1996.
	AV	Mikoshiba, Shigeo, SID Int. Symp. Seminar Lecture Notes, M-4, 1998.

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	AW	Koiwa et al, 1995, "Preparation of MgO Protective Layer for AC-Type Plasma Display Panel by Means of Screen-Printing; J. Electrochem. Soc., Vol. 142, No. 5, pp. 1396-1401.
	AX	Koiwa et al, 1996, "MgO Powders for Protective Layer of Alternating Current Plasma Display Panel, Electronics and Communications in Japan, Part 2, Vol. 79, No. 4, pp. 55-66.
	AY	Koiwa, I., 1996, "A Study on MgO powder and MgO Liquid Binder in the Screen-Printed Protective Layer for AC-PDPs" IEICE Trans. Electron. Vol. E79-C, No. 4, pp 580-585.
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